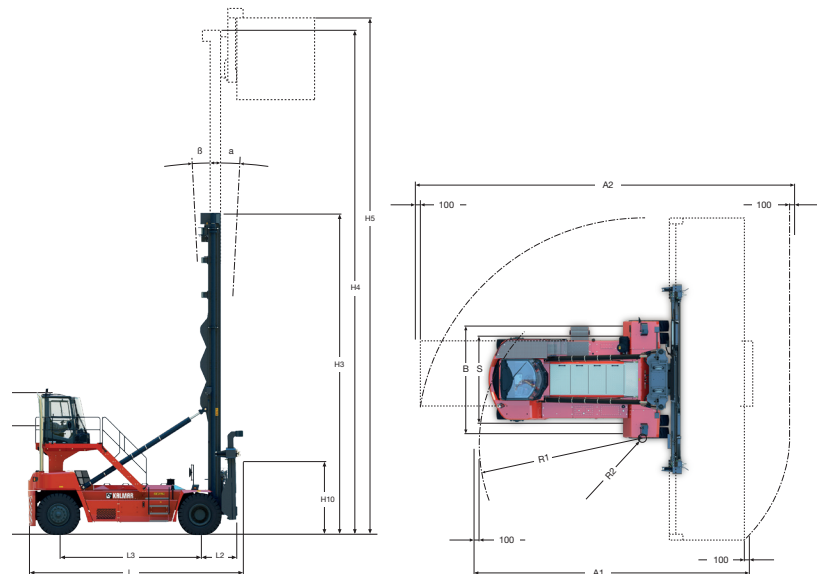


Technical information.

	1 Truck Model		DCG 80-45 ES				DCG 80-45 ED			
	2 Stacking model and height		ES5/5	ES6/5	ES7/6	ES8/7	ED5/5	ED6/5	ED7/6	ED8/7
MANDATES	3 Type of handling		Single Stackers				Double Stackers			
	4 Lifting capacity, with MPS or with HPS (1*)	Q1 (kgs)	8000	8000	8000	8000	8000	8000	8000	8000
	5 Stacking height, no. of containers (8ft6" / 9ft6")		5/5	6/5	7/6	8/7	5+1/5+1	6+1/5+1	7+1/6+1	8+1/7+1
	6 Spreader locking type, standard / optional		STD: Twistlocks / OPT: Twistlocks + WTP (76 mm)				STD: Hooks + Clamps / OPT: STD + Safety Wedge			
	7 Spreader type, extension stops, sensors		Sidelift, 20ft + 40ft stops, alignment & interrupt sensors				Sidelift, 20ft + 40ft stops, alignment & interrupt sensors			
	8 Wheelbase	L3 (mm)	4550				4550			
	9 Load centre, front of tyres, with MPS or HPS (2*)	L4 (mm)	1210 or 1260				1210 or 1260			
	10 Lost load centre, to front face of tires	X (mm)	700				700			
	11 Service weight, with MPS or HPS (2*)	(kgs)	34700/35800	35300/36400	36800/37900	38300/39400	36500/35800	37100/38200	38600/39700	40100/41200
	12 Axle load, front unloaded - rated load MPS	(kgs)	22400/34700	23100/35300	24700/37000	26400/38600	23000/35300	23600/35900	25300/37600	26900/39200
13 Axle load, front unloaded - rated load HPS (2*)	(kgs)	23700/36000	34700/35800	24400/36700	26100/38400	24300/36600	25000/37300	26600/39000	28200/40600	
14 Axle load, rear unloaded - rated load MPS	(kgs)	12300/8000	12200/7900	12100/7800	11900/7600	13500/9300	13500/9200	13300/9100	13200/8900	
15 Axle load, rear unloaded - rated load HPS (2*)	(kgs)	12100/7700	12000/7600	11800/7500	11700/7300	13500/9000	13200/8900	13100/8700	13000/8600	
WHEELS	16 Tyres, type, design, thread depth		Pneumatic / Diagonal / E4				Pneumatic / Diagonal / E4			
	17 Tyres, dimension (front + rear)	(in)	12,00x24"	12,00x24"	12,00x24"	12,00x24"	14,00x24"	14,00x24"	14,00x24"	14,00x24"
	18 Rims, dimension (front + rear)	(in)	8,50x24"	8,50x24"	8,50x24"	8,50x24"	10,00x24"	10,00x24"	10,00x24"	10,00x24"
	19 No. of wheels, front - rear (*driven), pressure	(MPa)	4* - 2 1.0				4* - 2 1.0			
	20 Track width (front - rear)	S1 - S2 (mm)	3270-2450	3270-2450	3270-2450	3270-2450	3270-2450	3270-2450	3270-2450	3780-2400
	21 Truck width drive axle, standard / optional	B / B (mm)	4050/4100	4050/4100	4050/4100	4050/4100	4100/4600	4100/4600	4100/4600	4600
	22 Drive axle (ND = Normal Duty / HD = Heavy Duty)		D81-ND	D81-ND	D81-ND	D81-ND	D81-ND	D81-ND	D81-ND	D91-HD
	23 Lift mast, type, stage, cylinders and chains		Duplex / 2-stage / 2 cylinders / 2 lift chains				Duplex / 2-stage / 2 cylinders / 2 lift chains			
24 Mast tilt, forward - backward, standard / optional	alfa-beta (deg)	STD: 3-3 / OPT: 3-6 or 2-3				STD: 3-3 / OPT: 3-6 or 2-3				
25 Lift mast height, min - max	H3 - H5 (mm)	8540-15040	9040-16040	10290-18540	11540-21040	8540-15040	9040-16040	10290-18540	11540-21040	
26 Lift height, min - max in twistlocks / lift hooks	H4 (mm)	2240-15240	2240-16240	2240-18740	2240-21240	2240-15240	2240-16240	2240-18740	2240-21240	
27 Height cabin roof, standard / optional	H6 (mm)	STD: 3940 / OPT: 4540				STD: 4000 / OPT: 4600				
28 Seat index point (height)	H8 (mm)	STD: 2800 / OPT: 3400				STD: 2860 / OPT: 3460				
29 Truck length with spreader, MPS / HPS	L (mm)	6900/6950				6900/6950				
30 Spreader width, twistlocks / hooks, min - max	Va - Vb (mm)	6085-12200				6615-12750				
31 Spreader sideshift, stroke both directions (total)	V1 (mm)	± 600 (1200)				± 600 (1200)				
32 Spreader levelling, MPS / HPS, standard / optional	(mm/deg)	STD: 0 - 250 / OPT: ± 5				STD: 0 - 250 / OPT: ± 5				
33 Ground clearance, steer axle - middle - front	(mm)	250				250				
34 Aisle width, with 20ft - 40ft container	A1 - A2 (mm)	10600/14200				10600/14200				
35 Turning radius, outer 20ft - outer 40ft - inner	R1-R3-R2 (mm)	6750 / - / 1150				6750 / - / 1150				
DRIVE LINE	36 Engine type, design		Diesel / 4-stroke / turbo / intercooler				Diesel / 4-stroke / turbo / intercooler			
	37 Drive line - performance levels		MP Medium Performance	HP High Performance	MP Medium Performance	HP High Performance	MP Medium Performance	HP High Performance	MP Medium Performance	HP High Performance
	38 Engine, power - torque, min / max	(kW/Nm)	160 - 164 / 910 - 949	185 / 1160	160 - 164 / 910 - 949	185 / 1160	160 - 164 / 910 - 949	185 / 1160	160 - 164 / 910 - 949	185 / 1160
	39 Fuel consumption, average diesel / AdBlue (3*)	(L/h-%)	5 - 12 / 1 - 5	7 - 15 / 1 - 5	5 - 12 / 1 - 5	7 - 15 / 1 - 5	5 - 12 / 1 - 5	7 - 15 / 1 - 5	5 - 12 / 1 - 5	7 - 15 / 1 - 5
	40 Travel speed, fwd / rev (unloaded - at rated load)	(km/h)	24 - 24 / 22 - 22	25 - 25 / 25 - 25	24 - 24 / 22 - 22	25 - 25 / 25 - 25	24 - 24 / 22 - 22	25 - 25 / 25 - 25	24 - 24 / 22 - 22	25 - 25 / 25 - 25
	41 Gradeability, max / 2 km/h (unloaded - at rated load)	(%)	29 - 22 / 24 - 19	37 - 30 / 33 - 27	29 - 22 / 24 - 19	37 - 30 / 33 - 27	29 - 22 / 24 - 19	37 - 30 / 33 - 27	29 - 22 / 24 - 19	37 - 30 / 33 - 27
	42 Lifting speed, unloaded - at 70% of rated load	(m/s)	0,55 - 0,50	0,65 - 0,60	0,55 - 0,50	0,65 - 0,60	0,55 - 0,50	0,65 - 0,60	0,55 - 0,50	0,65 - 0,60
	43 Lowering speed, unloaded - at rated load	(m/s)	0,50 - 0,60	0,55 - 0,60	0,50 - 0,60	0,55 - 0,60	0,50 - 0,60	0,55 - 0,60	0,50 - 0,60	0,55 - 0,60
	44 Transmission, gears forward / reverse		3 + 3	4 + 4 with Lock-Up	3 + 3	4 + 4 with Lock-Up	3 + 3	4 + 4 with Lock-Up	3 + 3	4 + 4 with Lock-Up
	45 Transmission type, function, safety		Automatic powershift / reverse protection				Automatic powershift / reverse protection			
	46 Drive axle type, service brakes (drive wheels)		Differential / hub reduction / oil-cooled wet disc brakes				Differential / hub reduction / oil-cooled wet disc brakes			
	47 Drive axle, parking brake, brake release		Single big dry disc / hydraulic release				Single big dry disc / hydraulic release			
48 Steer axle type, design, function		Heavy-duty / single cylinder / power steering				Heavy-duty / single cylinder / power steering				
OTHERS	49 Hydraulic system, type		Load-sensing (power-on-demand)/working & brake oil tank				Load-sensing (power-on-demand)/working & brake oil tank			
	50 Tank volumes, diesel - AdBlue - oil	(dm³)	380 / 460 / 35 (3*)				380 / 460 / 35 (3*)			
	51 Noise, inside LpAZ / outside LwAZ (EDM's)	(dB(A))	63 - 66 / 106 - 108				63 - 66 / 106 - 108			
	52 Over Load System with warning OLS1 + OLS2	Optional	OLS-1: Lift Monitor				OLS-2: Lift Cut-off+Tilt Monitor			

- Notes:
 1) MPS = Full lifting capacity with MPS (8-9-10 tons).
 HPS = Full lifting capacity with HPS incl MPS (8-9-10 tons).
 2) MPS = Mechanical Pile Slope in end beams - by gravity.
 HPS = Hydraulic Pile Slope by 2 cylinders incl. MPS.
 3) On EU3 (EPA T3) engines there is no AdBlue package included.
 On EU4 (EPA T4F) engines AdBlue package is included.



	DCG 90-45 ES				DCG 90-45 ED				DCG 100-45 ES				DCG 100-45 ED			
	ES5/5	ES6/5	ES7/6	ES8/7	ED5/5	ED6/5	ED7/6	ED8/7	ES5/5	ES6/5	ES7/6	ES8/7	ED5/5	ED6/5	ED7/6	ED8/7
MANDATES	Single Stackers				Double Stackers				Single Stackers				Double Stackers			
	9000	9000	9000	9000	9000	9000	9000	9000	10000	10000	10000	10000	10000	10000	10000	10000
	5/5	6/5	7/6	8/7	5+1/5+1	6+1/5+1	7+1/6+1	8+1/7+1	5/5	6/5	7/6	8/7	5+1/5+1	6+1/5+1	7+1/6+1	8+1/7+1
	STD: Twistlocks / OPT: Twistlocks + WTP (76 mm)				STD: Hooks + Clamps / OPT: STD + Safety Wedge				STD: Twistlocks / OPT: Twistlocks + WTP (76 mm)				STD: Hooks + Clamps / OPT: STD + Safety Wedge			
	Sidelift, 20ft + 40ft stops, alignment & interrupt sensors				Sidelift, 20ft + 40ft stops, alignment & interrupt sensors				Sidelift, 20ft + 40ft stops, alignment & interrupt sensors				Sidelift, 20ft + 40ft stops, alignment & interrupt sensors			
	4550				4550				4550				4550			
	1210 or 1260				1210 or 1260				1210 or 1260				1210 or 1260			
	700				700				700				700			
	36700/37800	37300/38400	38800/39900	40300/41400	37900/39000	38500/39600	40000/41100	41500/42600	39400/40500	40000/41100	41500/42600	43000/44100	39800/40900	40400/41500	41900/43000	43400/44500
	22900/36700	23600/37400	25200/39000	26900/40700	23500/37400	24200/38000	25800/39700	27500/41300	23800/39200	24500/39900	26100/41500	27800/43200	24300/39700	25000/40300	26600/42000	28300/43800
24200/38100	24900/38800	26500/40300	28200/42000	24900/38700	25500/39400	27200/41100	28800/42700	25100/40600	25800/41200	27500/42900	29100/44500	25600/41100	26300/41800	27900/43400	29600/45100	
13800/9000	13700/8900	13600/8800	13400/8600	14400/9600	14300/9500	14200/9400	14000/9200	15600/10200	15500/10200	15400/1000	15200/9900	15500/10100	13500/9200	15300/9900	15100/9700	
13600/8700	13500/8600	13400/8600	13200/8400	14100/9300	14100/9200	13900/9000	13800/8900	15400/9900	15300/9900	15100/9700	15000/9600	15300/9800	15200/9700	15100/9600	14900/9400	
Pneumatic / Diagonal / E4				Pneumatic / Diagonal / E4				Pneumatic / Diagonal / E4				Pneumatic / Diagonal / E4				
14,00x24"	14,00x24"	14,00x24"	14,00x24"	14,00x24"	14,00x24"	14,00x24"	14,00x24"	14,00x24"	14,00x24"	14,00x24"	14,00x24"	14,00x24"	14,00x24"	14,00x24"	14,00x24"	
10,00x24"	10,00x24"	10,00x24"	10,00x24"	10,00x24"	10,00x24"	10,00x24"	10,00x24"	10,00x24"	10,00x24"	10,00x24"	10,00x24"	10,00x24"	10,00x24"	10,00x24"	10,00x24"	
4* - 2 1.0				4* - 2 1.0				4* - 2 1.0				4* - 2 1.0				
3270-2400	3270-2400	3270-2400	3270-2400	3270-2400	3270-2400	3270-2400	3780-2400	3780-2400	3780-2400	3780-2400	3780-2400	3780-2400	3780-2400	3780-2400	3780-2400	
4100/4600	4100/4600	4100/4600	4100/4600	4100/4600	4100/4600	4600	4600	4100/4600	4100/4600	4100/4600	4100/4600	4600	4600	4600	4600	
D81-ND	D81-ND	D91-HD	D91-HD	D91-HD	D91-HD	D91-HD	D91-HD	D91-ND	D91-ND	D91-ND	D91-ND	D91-ND	D91-ND	D91-ND	D91-HD	
Duplex / 2-stage / 2 cylinders / 2 lift chains				Duplex / 2-stage / 2 cylinders / 2 lift chains				Duplex / 2-stage / 2 cylinders / 2 lift chains				Duplex / 2-stage / 2 cylinders / 2 lift chains				
STD: 3-3 / OPT: 3-6 or 2-3				STD: 3-3 / OPT: 3-6 or 2-3				STD: 3-3 / OPT: 3-6 or 2-3				STD: 3-3 / OPT: 3-6 or 2-3				
8600-15100	9100-16100	10350-18600	11600-21100	8600-15100	9100-16100	10350-18600	11600-21100	8600-15100	9100-16100	10350-18600	11600-21100	8600-15100	9100-16100	10350-18600	11600-21100	
2300-15300	2300-16300	2300-18800	2300-21300	2300-15300	2300-16300	2300-18800	2300-21300	2300-15300	2300-16300	2300-18800	2300-21300	2300-15300	2300-16300	2300-18800	2300-21300	
STD: 4000 / OPT: 4600				STD: 4000 / OPT: 4600				STD: 4000 / OPT: 4600				STD: 4000 / OPT: 4600				
STD: 2860 / OPT: 3460				STD: 2860 / OPT: 3460				STD: 2860 / OPT: 3460				STD: 2860 / OPT: 3460				
6900/6950				6900/6950				6900/6950				6900/6950				
6085-12200				6615-12750				6085-12200				6615-12750				
± 600 (1200)				± 600 (1200)				± 600 (1200)				± 600 (1200)				
STD: 0 - 250 / OPT: ± 5				STD: 0 - 250 / OPT: ± 5				STD: 0 - 250 / OPT: ± 5				STD: 0 - 250 / OPT: ± 5				
250				250				250				250				
10600/14200				10600/14200				10600/14200				10600/14200				
6750 / - / 1150				6750 / - / 1150				6750 / - / 1150				6750 / - / 1150				
Diesel / 4-stroke / turbo / intercooler				Diesel / 4-stroke / turbo / intercooler				Diesel / 4-stroke / turbo / intercooler				Diesel / 4-stroke / turbo / intercooler				
MP Medium Performance	HP High Performance	MP Medium Performance	HP High Performance	MP Medium Performance	HP High Performance	MP Medium Performance	HP High Performance	MP Medium Performance	HP High Performance	MP Medium Performance	HP High Performance	MP Medium Performance	HP High Performance	MP Medium Performance	HP High Performance	
160 - 164 / 910 - 949	185 / 1160	160 - 164 / 910 - 949	185 / 1160	160 - 164 / 910 - 949	185 / 1160	160 - 164 / 910 - 949	185 / 1160	160 - 164 / 910 - 949	185 / 1160	160 - 164 / 910 - 949	185 / 1160	160 - 164 / 910 - 949	185 / 1160	160 - 164 / 910 - 949	185 / 1160	
5 - 12 / 1 - 5	7 - 15 / 1 - 5	5 - 12 / 1 - 5	7 - 15 / 1 - 5	5 - 12 / 1 - 5	7 - 15 / 1 - 5	5 - 12 / 1 - 5	7 - 15 / 1 - 5	5 - 12 / 1 - 5	7 - 15 / 1 - 5	5 - 12 / 1 - 5	7 - 15 / 1 - 5	5 - 12 / 1 - 5	7 - 15 / 1 - 5	5 - 12 / 1 - 5	7 - 15 / 1 - 5	
24 - 24 / 22 - 22	25 - 25 / 25 - 25	24 - 24 / 22 - 22	25 - 25 / 25 - 25	24 - 24 / 22 - 22	25 - 25 / 25 - 25	24 - 24 / 22 - 22	25 - 25 / 25 - 25	24 - 24 / 22 - 22	25 -							